

Shorebird Science in Western Hemisphere
University of Colorado, Boulder

Monday February 27, 2006

| | | MAIN ROOM | | | BREAKOUT ROOM |
|--|-----------------|---|--|--|----------------------|
| 7:00 | Registration | | | | |
| 8:00 | Opening remarks | | | | |
| 8:10 | Plenary | Bob Gill | | | |
| 9:00 | Room switch | | | | |
| | Speaker | Presentation Title: | Speaker | Presentation Title: | |
| Breeding Biology and Behavior | | | Buff-breasted Sandpiper Symposium | | |
| 9:10 | Johnson, M. | Parent-offspring communication in the Western Sandpiper | Lanctot, R.B. | Buff-breasted Sandpipers: natural history and factors limiting population growth | |
| 9:30 | Lank, D.B. | Do some male shorebirds mate by mimicking females? | Jorgensen, J.G. | Buff-breasted Sandpiper abundance, distribution, and habitat use during migration in the Rainwater Basin, Nebraska (and Texas) | |
| 9:50 | Mabee, T.J. | Using egg flotation and eggshell evidence to determine age and fate of Arctic shorebird nests | Lesterhuis, A.J. | A review of the status of Buff-breasted Sandpiper in Paraguay | |
| 10:10 | McGowan, C.P. | Effects of human recreation on the incubation behavior of American Oystercatchers | Blanco, D.E. | Buff-breasted Sandpiper habitat conservation in southern South America | |
| 10:30 | Break | | Break | | |
| Nesting Success | | | Buff-breasted Sandpiper Symposium cont. | | |
| 11:00 | Beveridge, B. | Red-necked Phalarope nest fate and site preference in the Mackenzie Delta, NWT, Canada | Almeida, J.B. | Winter ecology of Buff-breasted Sandpipers at three Brazilian sites | |
| 11:20 | Nguyen, L.P. | Modeling important landscape characteristics affecting Semipalmated Plover nest success on Akimiski Island, Nunavut | Strum, K. | Ecotoxicology of migratory shorebirds | |
| 11:40 | Smith, P.A. | The influence of nest site and parental behavior on shorebird nest success | | Discussion | |
| 12:00 | Zack, S. | Assessing shorebird nest productivity patterns across Arctic Alaska | | Discussion | |
| 12:20 | Lunch | | Lunch | | |
| Breeding Habitat and Distribution | | | Marbled Godwit Symposium | | |
| 13:40 | Johnson, J. | Distribution of breeding shorebirds on the Arctic Coastal Plain of Alaska | Gratto-Trevor, C. | Introducing Marbled Godwits | |
| 14:00 | Brown, S.C. | Shorebird distribution and abundance on the Arctic Refuge Coastal Plain | Tibbitts, T.L. | Population assessment of Marbled Godwits in Alaska | |

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| 14:20 | Johnston, V. | An Eastern Arctic 'hotspot' for shorebirds: Prince Charles and Air Force Island, Foxe Basin, Nunavut | Abraham, K.F. | Distribution and abundance of Marbled Godwit in James Bay, Canada |
| 14:40 | Childers, T. | Mountain Plover density and abundance on prairie dog colonies in Montana | Niemuth, N. | Understanding mid-continent Marbled Godwit populations in a landscape context |
| 15:00 | Zdravkovic, M. | Breeding distribution, abundance, and habitat use of Snowy and Wilson's Plovers and other beach nesting birds in coastal Texas, Louisiana and Mississippi | Granfors, D.A. | Mid-continent Marbled Godwits: past privation, current pressures, and future prospects |
| 15:20 | Break | | Break | |
| | | Population Status | | Marbled Godwit Symposium cont. |
| 15:50 | Espinosa, L.A. | Status of the Hudsonian Godwit in Llanquihue and Chiloé Provinces, southern Chile, between 1979 and 2005 | Olson, B. | The role of Bear River Migratory Bird Refuge in conservation of the Marbled Godwit |
| 16:10 | Gardner, D.M. | Status of Upland Sandpipers, Marbled Godwits, and Western Willets in South Dakota | Winn, B. | The distribution and estimate of wintering Marbled Godwit in the Southeastern U.S. |
| 16:30 | Ruvalcaba-Ortega, I. | Winter population of Long-billed Curlew and Mountain Plover in La Soledad Prairie, Galeana, Nuevo León, México | Fernández, G. | Overview of Marbled Godwit abundance and distribution in Mexico |
| 16:50 | Ruthrauff, D.R. | Bar-tailed Godwits staging in western Alaska: evidence of steep population decline | | Discussion |
| 17:10 | Travel to Reception | | | |
| 17:30 | Opening Reception | | | |
| 20:30 | Adjourn | | | |

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| Tuesday February 28, 2006 | | | | |
|---------------------------|----------------------------------|--|--|---|
| MAIN ROOM | | | BREAKOUT ROOM | |
| 7:00 | Registration | | | |
| 8:00 | Opening remarks | | | |
| 8:10 | Plenary | Phil Battley | | |
| 9:00 | Room switch | | | |
| | Speaker | Presentation Title: | Speaker | Presentation Title: |
| | Migration Habitat | | Neotropical Priorities Workshop | |
| 9:10 | Asokan, S. | Shorebird population characteristics in tidal flats of the Southeast Coast of Tamil Nadu | Clay, R. | Discussion of IUCN scores, updates to non-breeding scores, and neotropical endemics |
| 9:30 | Blanco, D.E. | Rice fields use by migratory shorebirds in southern South America: threats and conservation implications | | |
| 9:50 | Skagen, S.K., Granfors, D. | The importance and future scenarios of prairie wetlands as migratory shorebird habitat | | |
| 10:10 | Thomas, N.E. | Fall stopover duration at natural and managed sites in the Prairie Pothole Region | | |
| 10:30 | Break | | Break | |
| | Movements Symposium | | Neotropical Priorities Workshop cont. | |
| 11:00 | Conklin, J.R. | Diurnal and nocturnal roost site-fidelity of wintering Dunlin (<i>Calidris alpina pacifica</i>) | Clay, R. | |
| 11:20 | Taft, O.W. | Movements of wintering Dunlin and changing habitat availability in an agricultural wetland landscape | | |
| 11:40 | Atkinson, P.W. | Hard or soft-shelled prey? Migration strategy determines resources used by Red Knot on their final stopover in Delaware Bay | | |
| 12:00 | Kalasz, K. | Simultaneous tracking of shorebirds and horseshoe crabs in Delaware Bay using bay-wide radio telemetry array: implications for conservation and management | | |
| 12:20 | Lunch | | Lunch | |
| | Movements Symposium cont. | | Wintering Biology and Habitat | |
| 13:40 | Gratto-Trevor, C. | Color-bands and Piping Plovers: studying shorebird movements the old-fashioned way! | Antunes Dias, R. | Shorebirds of lagoon beaches in southern Brazil |

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| 14:00 | Taylor, A. | Should I stay or should I go now: the importance of staging sites to shorebirds on Alaska's North Slope | Ruiz-Guerra, C.J. | Habitat use, seasonal dynamics and behavior of shorebirds wintering in the southern Pacific coast of Colombia |
| 14:20 | Escudero, G. | Pathogens and parasites shaping migratory strategies and shorebird biology | Johnson, O. | Wintering ground fidelity and other features of Pacific Golden-Plovers on Saipan, Mariana Islands, with comparative observations from Oahu, Hawaiian Islands |
| 14:40 | Payne, L.X. | Changes in spatial distribution of migrating shorebirds in the US: 1975-2000 | Nol, E. | Site fidelity, survivorship, and local movements of nonbreeding Semipalmated Plovers in southeastern Georgia |
| 15:00 | Farmer, A. | Determining shorebird wintering locations in Argentina using stable isotopes and trace elements : problems and promises | Correa, J. | Age and sex ratios of Western and Least Sandpipers in the Yucatan Peninsula |
| 15:20 | Break | | Break | |
| | Movements Symposium cont. | | Foraging Ecology/Management | |
| 15:50 | Clark, N.A. | Using stable isotopes to understand migration systems in the Red Knot | Mizrahi, D.S. | Mass gain dynamics of Semipalmated and Least Sandpipers during spring migration stopovers in Delaware Bay |
| 16:10 | Bishop, M.A. | Spring migration on the Pacific Flyway: piecing together the big picture from radio-marked shorebirds | Swanson, D. | Nutritional status of fall migrants during stopover at natural and managed sites in the mid-continent |
| 16:30 | Haig, S.M. | Relative utility of molecular markers and stable isotopes to identify populations and movements of North America shorebirds | Valencia, I.D. | Assessing the status of WHSRN sites using a standard tool |
| 16:50 | | Discussion | Held, R.J. | Tern and Plover conservation partnership: management of Least Tern and Piping Plovers nesting at sand and gravel operations |
| 17:10 | Travel to Poster Reception | | | |
| 17:30 | Poster set-up | | | |
| 18:30 | Poster Reception | | | |
| 22:00 | Adjourn | | | |

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Wednesday March 1, 2006

| MAIN ROOM | | BREAKOUT ROOM | |
|------------------|---|----------------------------|---|
| 7:00 | Registration | | |
| 8:00 | Opening remarks | | |
| 8:10 | Plenary Luis Naranjo | | |
| 9:00 | Room switch | | |
| | Speaker | Presentation Title: | Speaker |
| | | Presentation Title: | |
| | Breeding Biology and Energetics | | Long-Billed Curlew Symposium |
| 9:10 | Miller, E.H. Antiquity of shorebird acoustic displays | Russell, R.P. | The early history of the Long-billed Curlew in the Midwest United States |
| 9:30 | Dinsmore, S.J. Sex specific survival of the Mountain Plover in Montana | Oring, L.W. | Hayfields in the American west: critical habitat for highly imperiled Long-billed Curlews |
| 9:50 | Cartar, R.V. Temporal and biogeographic patterns in the energetics of Arctic-breeding sandpipers: the story over the past few decades | Hartman, C.A. | Long-billed Curlew nest-site selection and nest survival at large and small spatial scales |
| 10:10 | | Clarke, N. | Nesting success, brood survival, and habitat use of Long-Billed Curlews in grazed landscapes of western South Dakota |
| 10:30 | Break | Break | |
| | Western Sandpiper Symposium | | Long-Billed Curlew Symposium cont. |
| 11:00 | Johnson, M. Proximate and ultimate factors that promote aggregated breeding in a territorial species: are monogamous breeding aggregations an evolutionary precursor to coloniality or polygamy? | Hartman, C.A. | Population ecology of Long-billed Curlews breeding in northeastern Nevada |
| 11:20 | Morales-Gopar, L. Use of coastal and alternative habitats by Western Sandpiper in Ensenada de La Paz, B.C.S., Mexico | Cavallaro, R. | Conservation and management of Long-billed Curlews and waterbirds in the Foester's Slough wetland complex, Teton Valley Idaho |
| 11:40 | Galindo-Espinosa, D. Differences in patterns of wing feather molt between Western and Least Sandpipers | Colwell, M.A. | Abundance, spatial distributions, and social system of Long-billed Curlews in coastal northern California |
| 12:00 | Fernández, G. Sex- and age-related differences in preparation for northward migration in Western Sandpipers | 11:40-12:10 12:10-12:30 | Discussion |
| 12:20 | Lunch | Lunch | |
| | Western Sandpiper Symposium cont. | | Black Oystercatcher Symposium |

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| 13:40 | Lund, D. | Diatom data from the stomach content of Western Sandpipers | Elliott-Smith, E. | Black Oystercatcher inventory and long term monitoring across the southern half of the species range with initial steps focused in Oregon |
| 14:00 | Kuwaë, T. | Biofilm as primary diet for Western Sandpipers: evidence from stable isotope and foraging behavior | Goldstein, M.I. | Black Oystercatcher nest inventory and monitoring in western Prince William Sound, Alaska |
| 14:20 | Butler, R.W. | Remote sensing of shorebird prey | Spiegel, C.S. | Use of video cameras to document nest failure, nesting disturbance, and incubation behavior of Black Oystercatcher in Alaska |
| 14:40 | Pomeroy, A.C. | Food abundance and danger from predators affects stopover site usage by Western Sandpipers in the Georgia Basin and Puget Sound region | Guzetti, B. | Productivity, paternity, mate and site fidelity in Black Oystercatchers on Middleton Island, Alaska |
| 15:00 | | Discussion | Sanguinetti, P. | Black Oystercatcher breeding response to public use closures at Dugeness and Protection Island National Wildlife Refuges, Washington |
| 15:20 | Break | | Break | |
| Western Sandpiper Symposium cont. | | | Black Oystercatcher Symposium cont. | |
| 15:50 | Taylor, C. | An individual-based model of the migration of Western Sandpipers along the north Pacific coast | Morse, J.A. | Does recreational disturbance impact Black Oystercatchers breeding in Kenai Fjords National Park? |
| 16:10 | Lank, D.B. | An approach to reconstructing shorebird population changes in the absence of monitoring data | Nysewander D. | Baseline monitoring established for breeding territories of Black Oystercatchers 2000-2005 in the northern inner marine waters of Washington State |
| 16:30 | Fernández, G. | Western Sandpiper Conservation Plan | Tessler, D.F. | An integrated regional ecological assessment of the Black Oystercatcher |
| 16:50 | | Discussion | | Discussion |

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Thursday March 2, 2006

| MAIN ROOM | | | BREAKOUT ROOM | | |
|------------------|---------------------|--|-------------------------------------|---|--|
| 7:00 | Registration | | | | |
| 8:00 | Opening remarks | | | | |
| 8:10 | Plenary | Low Oring | | | |
| 9:00 | Room switch | | | | |
| | Speaker | Presentation Title: | Speaker | Presentation Title: | |
| | Monitoring | | Snowy Plover Symposium | | |
| 9:10 | Farmer, A. | Estimating numbers at a migration stopover site | Haig, S. 9:10-9:25 | Results of the western Snowy Plover genetic analysis | |
| 9:30 | Robinson, R. | Demographic monitoring of shorebirds: a British perspective | Hickey, C.M. 9:25-9:45 | The threatened status of the Pacific coast population of the western Snowy Plover | |
| 9:50 | Clark, J.A. | Understanding the implications of weight loss after capture of shorebirds during a period of rapid weight gain in Delaware Bay | Haig, S. 9:45-10:00 | Discussion of the genetic analysis and threatened status | |
| 10:10 | Tankersley, R.D. | Spatiotemporal modeling of stopover habitat availability for migrating shorebirds in the Tennessee Valley | Thomas, S. 10:00-10:15 | Comprehensive survey for Snowy Plovers | |
| 10:30 | Break | | Thomas, S. 10:15-10:35 | Discussion of the comprehensive survey | |
| | | | Break | | |
| | Conservation | | Snowy Plover Symposium cont. | | |
| 11:00 | Clay, R.P. | Conservation status of Nearctic and Neotropical shorebirds in Paraguay | DiGaudio, R. 10:50-11:10 | Western Snowy Plover management in the Monterey Bay region | |
| 11:20 | Sandercock, B.K. | Population biology of Upland Sandpipers in response to experimental grazing and prescribed burns | Nelson, Z. 11:10-11:30 | Evidence for conspecific attraction in the breeding distribution of the western Snowy Plover in coastal northern California | |
| 11:40 | Estelle, V. | Impacts of an introduced marine invertebrate on wintering shorebirds | Hoffmann, A. 11:30-11:50 | Tight sitters and busy beach life: individual variation in female Snowy Plover incubation behavior in northern California | |
| 12:00 | McGowan, C.P. | Do endangered shorebird populations have the capacity to compensate for incidental take? | Sexson, M.G. 11:50-12:10 | Nest-site selection and reproductive success of the Snowy Plover in Kansas | |
| | | | Fernandez, G. 12:10-12:20 | Site-based planning efforts update and formation of working group | |
| 12:20 | Lunch | | | | |

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| SRGA Symposium | | | Conservation cont. | |
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| 13:40 | Butler, R.W. | Overview of the Shorebird Research Group of the Americas (SRGA) | Sawicki, S. | Tourism and the conservation of migratory shorebirds in San Antonio Bay protected nature reserve |
| 14:00 | Ydenberg, R.C. | Population decline in North American shorebirds: an hypothesis testing approach | Johnston-González, R. | Colombia revisited, a regional important site for shorebirds on the Pacific coast of South America |
| 14:20 | Lanctot, R.B. | Can intrinsic factors explain population declines in North American breeding shorebirds? A comparative analysis | | |
| 14:40 | Haig, S.M. | A species-wide assessment of Piping Plovers over the past 20 years: The importance of single species efforts | | |
| 15:00 | | Reports from Working Groups and Symposia | | |
| 15:20 | Break | | Break | |
| SRGA Symposium cont. | | | | |
| 15:50 | | Reports from Working Groups and Symposia | | |
| 16:10 | | Reports Continued | | |
| 16:30 | | Reports Continued | | |
| 16:50 | | Reports Continued | | |
| 17:10 | | SRGA Committee Election Process | | |
| 17:30 | Travel to Reception | | | |
| 18:00 | Award Reception | | | |
| 21:30 | Adjourn | | | |

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Friday March 3, 2006

MAIN ROOM

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| 8:00 | US Shorebird Council meeting begins |
| 12:00 | US Shorebird Council meeting ends |

POSTERS

| No. | Speaker | Title |
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| 1 | Abril | Deuterium levels in the feathers of migratory birds in Patagonia, Argentina |
| 2 | Ackerman | Distribution and abundance of the Long-billed Curlew in southwestern North Dakota |
| 3 | Adams | Factors that influence roost site selection of Dunlin (<i>Calidris alpina</i>) at Humboldt Bay, California |
| 4 | Amano | Shorebird monitoring in Japan |
| 5 | Amoros | Results of the biometric and banding activities of <i>Calidris</i> spp. in Paracas Natural Reserve – RNP (ICA, Perú) during 2000-2001 |
| 6 | Andres | Reservoir use by post-breeding shorebird in the south Platte River Valley, northeastern Colorado |
| 7 | Ashling | Detecting heavy metal contaminants in juvenile shorebirds in Arctic Alaska |
| 8 | Bala | Conservation of wetlands used by shorebird as stopover: investigation and application |
| 9 | Barzola | Restinga or sandflat? Prey selection of Red Knots (<i>Calidris canutus rufa</i>) in 2004, and unusual northern migration season at San Antonio Oeste, Río Negro, Argentina |
| 10 | Bishop | Southbound migration of juvenile shorebirds on Barrier Islands of the Copper River Delta, Alaska |
| 11 | Brown | Status of research on factors limiting high priority shorebird populations |
| 12 | Buchanan | Changes in the abundance of Marbled Godwits in coastal |
| 13 | Casey | Optimization of molecular methods for sexing of a monomorphic species |
| 14 | Cavitt | Factors affecting nesting success of coexisting shorebirds at Great Salt Lake, |
| 15 | Clarkson | Black Oystercatchers as indicators of healthy rocky intertidal ecosystems – what can they tell us? |
| 16 | Correa | Shorebirds of the Yucatan peninsula |
| 17 | Demers | Space use of American Avocets in south San Francisco Bay |
| 18 | Edwards | Feeding ecology and diet of American Avocet and Black-necked Stilts at Great Salt Lake, Utah |
| 19 | Gates | Monitoring migratory and wintering shorebirds at Estero Santa Cruz, Sonora, Mexico |
| 20 | Giner | Shorebirds associated with the lagoons of the Cuare Wildlife Refuge, Falcon State, Venezuela |
| 21 | Liebezeit | Assessing the development of shorebird eggs using the flotation method: Species-specific and generalized regression models |
| 22 | Lishman | Breeding dispersal patterns in a southern nesting population of Semipalmated Plovers |
| 23 | Mills | Shorebird Sister Schools: Education on the wing |
| 24 | Mong | Optimizing radio retention and minimizing radio impacts in field studies of shorebirds |
| 25 | Murphy | Dispersal and population dynamics of the American Oystercatcher on Tuckernuck Island, Massachusetts |
| 26 | Nixon | Nest site selection and nesting success of Snowy Plover at Great Salt Lake, Utah |
| 27 | Norris | Using trace element profiles to examine migratory connectivity of Western Sandpipers: A preliminary study |
| 28 | Philipoom-Lynn | Preliminary results of population genetics of the Pacific Golden-Plover (<i>Pluvialis fulva</i>) |
| 29 | Pirie | Whimbrel and Hudsonian Godwit habitat preferences in the Mackenzie Delta, Northwest Territories: Building a predictive |

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| | | model |
| 30 | Rausch | Arctic PRISM: Goals, approach, and application |
| 31 | Russell | Early history of the Marbled Godwit in the upper Midwest, United States |
| 32 | Senner | Habitat use and foraging ecology of Hudsonian Godwits in South America |
| 33 | Sexson | West Nile virus prevalence among Snowy Plovers in Kansas |
| 34 | Taylor | Towards facilitating spatial predictive modeling of shorebird distributions and habitat: The benefits of free online databases |
| 35 | Wilson | Space use of male Snowy Plovers tending broods |